CLAIM AMENDMENTS

Please amend claims 31 and 38 as follows.

1 – 30. (Canceled)

31.   (Currently Amended) A method, the method comprising the steps of:

a requester transmitting to a lock management system a request for a certain lock

on a first resource;

said lock management system denying said request based on a blocking condition

that, while in effect, said lock management system does <u>not</u> grant a request

for a lock on a second resource different than said first resource;

said requester receiving from said lock management system a response that (1)

denies said request for a certain lock on a first resource and (2) includes

data that identifies the second resource; and

said requester determining said blocking condition is no longer in effect by

performing certain steps that include:

said requester transmitting to said lock management system a request for a lock

on said second resource; and

said requester receiving from said lock management system a response that grants

said request for said lock on said second resource.

32.   (Previously Presented) The method of claim 31, wherein said second resource is a

transaction and said first resource is a resource locked for said transaction.

33.   (Previously Presented) The method of claim 32, wherein said data that identifies a

second resource includes a transaction id identifying said transaction.

34.   (Previously Presented) The method of claim 31, wherein:

said first resource is a data block; and

said blocking condition is based on said data block undergoing a block-split

operation.

35.   (Previously Presented) The method of claim 34, wherein said data block is

marked to indicate the data block is undergoing said block split operation.

36.   (Previously Presented) The method of claim 31, further including in response to

determining when said blocking condition no longer prevents said lock

management system from granting a lock on said first resource, said requester

informing said lock management system that said blocking condition is no longer

in effect.

37.   (Previously Presented) The method of claim 31, further including said requester

informing said lock management system that said blocking condition is no longer

effect by making another request for a lock of said first resource, said request

including data specifying that said blocking condition is no longer effect.

38.   (Currently Amended) A ~~non-transitory~~ computer-readable medium storing

~~carrying~~ one or more sequences of instructions, wherein execution of the one or

more sequences of instructions by one or more processors causes the one or more

processors to perform the steps of:

a requester transmitting to a lock management system a request for a certain lock

on a first resource;

said lock management system denying said request based on a blocking condition

that, while in effect, said lock management system does not grant a request

for a lock on a second resource different than said first resource;

said requester receiving from said lock management system a response that (1)

denies said request for a certain lock on a first resource and (2) includes

data that identifies the second resource; and

said requester determining said blocking condition is no longer in effect by

performing certain steps that include:

said requester transmitting to said lock management system a request for a

lock on said second resource; and

said requester receiving from said lock management system a response

that grants said request for said lock on said second resource.

39.   (Previously Presented) The computer-readable medium of claim 38, wherein said

second resource is a transaction and said first resource is a resource locked for

said transaction.

40.   (Previously Presented) The computer-readable medium of claim 39, wherein said

data that identifies a second resource includes a transaction id identifying said

transaction.

41.   (Previously Presented) The computer-readable medium of claim 38, wherein:

said first resource is a data block; and

said blocking condition is based on said data block undergoing a block-split

operation.

42.   (Previously Presented) The computer-readable medium of claim 41, wherein said

data block is marked to indicate the data block is undergoing said block split

operation.

43.   (Previously Presented) The computer-readable medium of claim 38, the steps

        further including in response to determining when said blocking condition no

        longer prevents said lock management system from granting a lock on said first

        resource, said requester informing said lock management system that said

        blocking condition is no longer in effect.

44.   (Previously Presented) The computer-readable medium of claim 38, the steps

        further including said requester informing said lock management system that said

        blocking condition is no longer effect by making another request for a lock of said

        first resource, said request including data specifying that said blocking condition

        is no longer effect.